

Data Path : Z:\VOASRV\HPCHEM1\MSVOA W\DATA\WV101020\
 Data File : VW016863.D
 Acq On : 09 Oct 2020 15:46
 Operator : SY/VA
 Sample : VSTDIC150
 Misc : 5.00G/5ML/MSVOA W/SOIL
 ALS Vial : 8 Sample Multiplier: 1

Instrument :
 MSVOA_W
 ClientSampleId :
 VSTDIC150

Manual Integrations
 APPROVED

apatel
 10/12/2020 1:58:49 PM

Quant Time: Oct 10 05:12:14 2020
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_W\METHOD\82W101020S.M
 Quant Title : SW846 8260
 QLast Update : Sat Oct 10 04:56:35 2020
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	7.95	168	403651	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.85	114	589923	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.63	117	532917	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.56	152	259091	50.00	ug/l	0.00

System Monitoring Compounds

33) 1,2-Dichloroethane-d4	8.31	65	486913	148.30	ug/l	0.00
Spiked Amount	50.000		Recovery	=	296.60%	
35) Dibromofluoromethane	7.88	113	533100	147.44	ug/l	0.00
Spiked Amount	50.000		Recovery	=	294.88%	
50) Toluene-d8	10.33	98	2034728	150.08	ug/l	0.00
Spiked Amount	50.000		Recovery	=	300.16%	
62) 4-Bromofluorobenzene	12.62	95	718528	153.69	ug/l	0.00
Spiked Amount	50.000		Recovery	=	307.38%	

Target Compounds

						Qvalue
2) Dichlorodifluoromethane	2.01	85	278542	126.510	ug/l	98
3) Chloromethane	2.21	50	332448	137.717	ug/l	97
4) Vinyl Chloride	2.37	62	465412	133.323	ug/l	98
5) Bromomethane	2.78	94	371743	138.659	ug/l	98
6) Chloroethane	2.92	64	310396	139.722	ug/l	97
7) Trichlorofluoromethane	3.26	101	385011	151.489	ug/l	98
8) Diethyl Ether	3.68	74	227560	143.353	ug/l	98
9) 1,1,2-Trichlorotrifluoroet	4.07	101	471150	137.677	ug/l	99
10) Methyl Iodide	4.28	142	783913	143.285	ug/l	99
11) Tert butyl alcohol	5.22	59	108604	626.512	ug/l #	86
12) 1,1-Dichloroethene	4.04	96	487229	144.240	ug/l	97
13) Acrolein	3.90	56	149640	689.816	ug/l	99
14) Allyl chloride	4.67	41	595922	147.380	ug/l	99
15) Acrylonitrile	5.37	53	364300	689.445	ug/l	99
16) Acetone	4.14	43	353962	665.633	ug/l	97
17) Carbon Disulfide	4.39	76	1285577	143.046	ug/l	99
18) Methyl Acetate	4.68	43	164905	135.205	ug/l	100
19) Methyl tert-butyl Ether	5.43	73	494099	135.716	ug/l	100
20) Methylene Chloride	4.92	84	486164	115.373	ug/l	97
21) trans-1,2-Dichloroethene	5.43	96	536323	141.431	ug/l	96
22) Diisopropyl ether	6.31	45	1046628	142.422	ug/l	99
23) Vinyl Acetate	6.26	43	3469833	736.869	ug/l	98
24) 1,1-Dichloroethane	6.22	63	840083	144.165	ug/l	99
25) 2-Butanone	7.18	43	490477	691.855	ug/l	99
26) 2,2-Dichloropropane	7.17	77	485113	136.069	ug/l	100
27) cis-1,2-Dichloroethene	7.17	96	592623	145.912	ug/l	98
28) Bromochloromethane	7.51	49	335237	143.742	ug/l	97
29) Tetrahydrofuran	7.54	42	269193	677.913	ug/l	99
30) Chloroform	7.68	83	908857	143.468	ug/l	99
31) Cyclohexane	7.96	56	646138	129.997	ug/l	98
32) 1,1,1-Trichloroethane	7.87	97	764250	143.026	ug/l	98
36) 1,1-Dichloropropene	8.09	75	711754	139.532	ug/l	99
37) Ethyl Acetate	7.26	43	222514	133.545	ug/l	99
38) Carbon Tetrachloride	8.07	117	762881	143.872	ug/l	96

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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
39) Methylcyclohexane	9.34	83	840738	144.564	ug/l	97
40) Benzene	8.32	78	1982346	139.506	ug/l	98
41) Methacrylonitrile	7.49	41	146116	204.375	ug/l	91
42) 1,2-Dichloroethane	8.40	62	542723	139.629	ug/l	100
43) Isopropyl Acetate	8.43	43	458049	143.501	ug/l	100
44) Trichloroethene	9.10	130	623995	141.877	ug/l	100
45) 1,2-Dichloropropane	9.37	63	455769	140.650	ug/l	99
46) Dibromomethane	9.46	93	258996	139.737	ug/l	99
47) Bromodichloromethane	9.65	83	681456	147.870	ug/l	99
48) Methyl methacrylate	9.44	41	220185	149.693	ug/l	98
49) 1,4-Dioxane	9.48	88	59283	2780.703	ug/l #	96
51) 4-Methyl-2-Pentanone	10.21	43	1096357	678.947	ug/l	100
52) Toluene	10.39	92	1331563	141.758	ug/l	99
53) t-1,3-Dichloropropene	10.61	75	654843	156.084	ug/l	98
54) cis-1,3-Dichloropropene	10.07	75	780166	152.243	ug/l	97
55) 1,1,2-Trichloroethane	10.79	97	368385	139.634	ug/l	98
56) Ethyl methacrylate	10.65	69	432243	150.607	ug/l	100
57) 1,3-Dichloropropane	10.93	76	601334	137.770	ug/l	99
58) 2-Chloroethyl Vinyl ether	9.93	63	1177077	740.115	ug/l	100
59) 2-Hexanone	10.97	43	752128	703.969	ug/l	99
60) Dibromochloromethane	11.13	129	477936	147.699	ug/l	99
61) 1,2-Dibromoethane	11.24	107	363231	139.026	ug/l	98
64) Tetrachloroethene	10.87	164	509329	134.146	ug/l	97
65) Chlorobenzene	11.66	112	1469424	140.576	ug/l	99
66) 1,1,1,2-Tetrachloroethane	11.73	131	545220	147.492	ug/l	99
67) Ethyl Benzene	11.73	91	2581459	141.724	ug/l	100
68) m/p-Xylenes	11.84	106	2027839	286.249	ug/l	98
69) o-Xylene	12.17	106	948563	145.912	ug/l	99
70) Styrene	12.18	104	1587193	146.695	ug/l	99
71) Bromoform	12.35	173	278137	149.872	ug/l #	100
73) Isopropylbenzene	12.47	105	2614419	151.817	ug/l	99
74) N-amyl acetate	12.27	43	424785	153.567	ug/l	99
75) 1,1,2,2-Tetrachloroethane	12.72	83	380174	140.702	ug/l	100
76) 1,2,3-Trichloropropane	12.77	75	264147m	158.033	ug/l	
77) Bromobenzene	12.75	156	632560	148.596	ug/l	99
78) n-propylbenzene	12.80	91	2955839	148.833	ug/l	100
79) 2-Chlorotoluene	12.90	91	1701583	150.194	ug/l	99
80) 1,3,5-Trimethylbenzene	12.94	105	2153324	149.205	ug/l	99
81) trans-1,4-Dichloro-2-buten	12.51	75	121304	168.656	ug/l	97
82) 4-Chlorotoluene	12.99	91	1730139	147.933	ug/l	100
83) tert-Butylbenzene	13.21	119	1906196	152.076	ug/l	99
84) 1,2,4-Trimethylbenzene	13.26	105	2141643	148.927	ug/l	99
85) sec-Butylbenzene	13.38	105	2590488	148.475	ug/l	100
86) p-Isopropyltoluene	13.50	119	2465870	151.779	ug/l	99
87) 1,3-Dichlorobenzene	13.50	146	1220110	148.216	ug/l	96
88) 1,4-Dichlorobenzene	13.58	146	1158957	142.867	ug/l	99
89) n-Butylbenzene	13.82	91	2205246	150.672	ug/l	98
90) Hexachloroethane	14.10	117	402247	160.458	ug/l	99
91) 1,2-Dichlorobenzene	13.87	146	1046391	147.325	ug/l	97
92) 1,2-Dibromo-3-Chloropropan	14.49	75	61727	149.177	ug/l	94

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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
93) 1,2,4-Trichlorobenzene	15.13	180	756553	154.377	ug/l	99
94) Hexachlorobutadiene	15.23	225	484168	152.405	ug/l	96
95) Naphthalene	15.36	128	1320676	165.815	ug/l	99
96) 1,2,3-Trichlorobenzene	15.56	180	666708	156.380	ug/l	99

(#) = qualifier out of range (m) = manual integration (+) = signals summed

